5 PROCESS SIMULATION SYSTEM

TECHNICAL FIELD

[0001]

The present invention relates to a process simulation system of

10 a production system (for example, a transfer line, etc.) in which a number of component elements (for example, processing units, clamp units, conveying units, etc.) are operated in cooperation with each other.

15 BACKGROUND ART

[0002]

There is a process simulation system so far disclosed in Patent Document 1 (Japanese Patent Laid-Open Publication No. 4-64164). In this system, simulation models of component

20 elements of a production system are shown in a tabular form. These models are spread out in the internal memory and the simulation is carried out while exchanging data between related models by referring to related frame lists. As simulation models of component elements, models regarding operators, production

25 cells, and conveying system are described as examples.

[0003]

In Patent Document 2 (the Japanese Patent Laid-Open Publication No. 61-61752), a process simulation system is described. In this system, variable data relative to machine

30 tools, setup station, conveying machine, process works, etc. are input into input data files. Processing works, etc. are input into data files. And the process simulation is carried out based on these variable data and a simulation result is output.

OK TO ENTER: /DC/ (11/02/2009)